CLAIMS

1. A musical-instrument controller comprising an array of note triggers assigned respective notes, first, second, and third of said note triggers converging at a first convergence point so as to define a triad.

2. A musical-instrument controller as recited in Claim 1 wherein said triad can be triggered at said first convergence point.

3. A musical-instrument controller as recited in Claim 1 wherein a fourth note trigger of said array converges at a second convergence point with said first note trigger and said third note trigger to define a minor triad, said first, second, and third note triggers defining a major triad at said first convergence point.

4. A musical-instrument controller as recited in Claim 3 wherein said major triad can be triggered at said first convergence point and said minor triad can be triggered at said second convergence point.

5. A musical-instrument controller as recited in Claim 3 further comprising a first interval trigger located at least partially between said first note trigger and said second note trigger and a second interval trigger located at least partially between said first note trigger and said fourth note trigger, said first interval trigger triggering a major third interval and said second interval trigger triggering a minor third interval.

6. A musical-instrument controller as recited in Claim 5 further comprising a third interval trigger located at least partially between said first and third note triggers, said third interval trigger triggering a perfect fifth interval.

7. A musical-instrument controller as recited in Claim 4 wherein said array is a hexagonal array and said first note trigger is adjacent to six note triggers.

8. A musical-instrument controller as recited in Claim 4 wherein said array is a rectangular array.

9. A musical-instrument controller as recited in Claim 8 wherein said array has rows of interleaved chromatic progressions offset from each other by a half of a perfect fifth.

10. A musical-instrument controller as recited in Claim 8 wherein said array is an offset rectangular array.

11. A musical-instrument controller as recited in Claim 1 further providing motion sensing so that when a force initially contacts said first note trigger and then executes a motion to said second note trigger while maintaining contact with said array, said motion causes a change in the value of a continuous controller and does not trigger a note associated with said second note trigger.

12. A musical instrument controller as recited in Claim 11 wherein said array is two dimensional and said motion sensing senses motion in each of said array's dimensions.

13. A musical instrument controller as recited in Claim 11 wherein said array has a perimeter, said motion sensing continuing monotonically when following a motion vector that reverses a motion vector component at said perimeter.

14. An musical instrument controller having an array of note triggers, said note triggers including first and second note triggers, said controller providing motion sensing so that when a force initially contacts said first note trigger and then executes a motion to said second note trigger while maintaining contact with said array, said motion causes a change in the value of a continuous controller and does not trigger said second note associated with said second note trigger.

15. A musical instrument controller as recited in Claim 14 wherein said array is two dimensional and said motion sensing senses motion in each of said array's dimensions.

16. A musical instrument controller as recited in Claim 14 wherein said array has a perimeter, said motion sensing continuing monotonically when following a motion vector that reverses a motion vector component at said perimeter.

17. A method of playing a musical instrument comprising triggering a first triad at a first convergence point for first, second, and third note triggers respectively assigned the component notes of said triad.

18. A method of playing a musical instrument as recited in Claim 17 further comprising triggering a minor triad at a second convergence point for said first note trigger, said third note trigger, and a fourth note trigger, said first triad being a major triad.